Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) An apparatus for aggregating ~~device~~ terminal communications, the apparatus comprising:

a plurality of local terminal ports including at least one wired local terminal port and at least one wireless local terminal port, ~~at least one wired local port and at least one wireless local port being~~ the local terminal ports each configured to establish bi-directional data communications with at least one respective local ~~device terminating a communications path~~terminal, and at least two of the local terminal ports using different communication protocols;

a remote access port, the remote access port configured to establish bi-directional, wireless, data communications with a service provider; ~~and~~

a processing system for converting data signals between a form adapted to one of the plurality of local terminal ports and a form adapted to the remote access port; and

a multiplexer in communication with said processing system to multiplex the converted data signals from the at least two of the local terminal ports to communicate data of the local terminals simultaneously via said remote access port to the service provider.

2. (Currently Amended) The apparatus of claim 1, the processing system further comprising a port processing unit that converts data signals between a form adapted to more than one of the plurality of local terminal ports into a form adapted to a multiple access air interface of the remote access port.

3. (Currently Amended) The apparatus of claim 1, the processing system further comprising a shared signal processing unit that converts data signals between a form adapted to more than one of the plurality of local terminal ports into a form adapted to a single channel of the remote access port.

4. (Previously Presented) The apparatus of claim 1, wherein the apparatus is shaped and sized to be worn by a person.

5. (Currently Amended) The apparatus of claim 1 wherein the plurality of local terminal ports include at least one of a Bluetooth port, a HomeRF port, an IrDA port, a wireless Ethernet port, a wired serial port, a wired parallel port, or a wireless local area network port.

6. (Original) The apparatus of claim 1 wherein the remote access port includes a wireless port.

7. (Original) The apparatus of claim 6 wherein the wireless port includes at least one of a CDMA port, a TDM port, a GSM port, a PCS port, or a third generation cellular telephony port.

8. (Currently Amended) The apparatus of claim 1, the service provider connected in a communicating relationship with the remote access port through an air interface establishing bi-directional wireless data communications with the remote access port, and the service provider including an Internet connection, whereby a local ~~device~~ terminal connected in a communicating relationship with one of the plurality of local terminal ports may communicate through the Internet.

9. (Currently Amended) The apparatus of claim 1 further comprising a local ~~device~~ terminal connecting in a communicating relationship with one of the plurality of local terminal ports, the local ~~device~~ terminal including at least one of a personal

digital assistant, a notebook computer, a laptop computer, a cellular phone, a palm computer, or a wearable computer.

10. (Original) The apparatus of claim 9, the wearable computer including at least one of a wearable eyeglass computer or a wearable audio computer.

11. (Original) The apparatus of claim 1, the remote access port including a plurality of data channels, the bi-directional wireless data communications being distributed among two or more of the plurality of data channels.

12. (Previously Presented) The apparatus of claim 1 wherein the apparatus is at least one of a portable accessory, a modular add-on device, or a base station accessory.

13. (Currently Amended) The apparatus of claim 1, the processing system further comprising one or more processors that convert traffic between data for more than one of the plurality of local terminal ports and data for a logical channel of the remote access port.

14. (Currently Amended) The apparatus of claim 1, the processing system further comprising one or more processors that convert traffic between data for more than one of the plurality of local terminal ports and data for a plurality of logical channels of the remote access ports.

15. (Currently Amended) The apparatus of claim 1 further comprising a services unit that provides network services to the plurality of local terminal ports.

16. (Original) The apparatus of claim 15, the network services including at least one of device connectivity, error detection and correction, load balancing, caching, traffic management, congestion control, file sharing, printer sharing, and distributed computing.

17. (Currently Amended) The apparatus of claim 1 wherein the plurality of local terminal ports comprise a terminal port cluster, the terminal port cluster including a plurality of connectors, each connector adapted to removably receive a modular device port, the modular device port adapted to a single communications technique.

18. (Currently Amended) A system for aggregating ~~device~~ terminal communications, the apparatus comprising:

a plurality of local terminal communications means for maintaining communications with one or more local ~~devices~~terminal, the plurality of local terminal communications means including at least one wired local terminal communications means and at least one wireless local terminal communications means configured to establish bi-directional data communications with the one or more local ~~devices terminating a communications path~~terminal, at least two of the local terminal communications means using different communications protocols;

a remote communications means for maintaining wireless communications with a service provider; ~~and~~

a converting means for converting data signals between a form adapted to the plurality of local terminal communications means and the remote communications means; and

a multiplexing means for multiplexing the converted data signals from the at least two of the local terminal communications means to communicate data of said local terminal communications means simultaneously via said remote communications means to the service provider.

19. (Currently Amended) A method for aggregating ~~device~~ terminal communications, the method comprising:

receiving local data from a plurality of local ~~devices terminating a communications path~~ terminal via at least one wired local terminal communications port and at least one wireless local terminal communications port, at least two of the local terminal communications ports using different communications protocols;

converting the local terminal data into converted local terminal data, the converted local terminal data having a form suitable for transmission over a wireless communication link;

multiplexing the converted local terminal data from the at least two of the local terminal communications ports to communicate data of the local terminals simultaneously over the wireless communications link;

transmitting the converted local terminal data over the wireless communication link;

receiving network data from a service provider over the wireless communication link;

demultiplexing the converted network data from the service provider at least two of the local communications ports to communicate data of the local terminals simultaneously;

converting the network data into converted network data, the converted network data having a form suitable for transmission to one or more of the plurality of local ~~devices~~terminals; and

simultaneously transmitting the converted network data to one or more of the plurality of local ~~devices~~ terminals via at least one of the wired or wireless local terminal communications ports.

20. (Currently Amended) The method of claim 19 wherein converting the local data includes multiplexing the local terminal data into a plurality of data streams corresponding to more than one channel of a multiple access wireless interface.

21. (Currently Amended) The method of claim 19 wherein converting the local data includes sequentially converting the local data from selected ones of the plurality of local ~~devices~~terminals.

22. (Currently Amended) The method of claim 19 wherein converting the local terminal data includes prioritizing the plurality of local ~~devices~~ terminals and converting data from a selected one of the plurality of local ~~devices~~ terminals according to a priority of the selected one of the plurality of local ~~devices~~terminals.

23. (Currently Amended) An apparatus for aggregating ~~device~~ terminal communications, the apparatus comprising:

a plurality of local terminal ports including at least one wired local terminal port and at least one wireless local terminal port, the local terminal ports each configured to establish bi-directional data communications with at least one respective local ~~device terminating a communications path~~terminal, and at least two of the local terminal ports using different communication protocols;

a remote access port, the remote access port configured to establish bi-directional, wireless, data communications with a service provider;

a processing system for converting data signals between a form adapted to one of the plurality of local terminal ports and a form adapted to the remote access port; ~~and~~

a multiplexer in communication with said processing system to multiplex the converted data signals from the at least two of the local terminal ports to communicate data of the local terminals simultaneously via said remote access port to the service provider;

a demultiplexer in communication with said processing system to demultiplex the data signals from said remote access port to communicate data to the local terminals simultaneously via said local terminal ports; and

a services unit that provides network services to one or more local ~~devices~~ terminals connected to the plurality of local terminal ports.

24. (Currently Amended) The apparatus of claim 1, wherein said processing system is configured to facilitate a communications path between multiple local terminal ports.

25. (Currently Amended) The apparatus of claim 1, wherein the at least two local terminal ports further use different data rates and different data formats.

26. (Currently Amended) The apparatus of claim 19, further comprising facilitating a communications path between multiple local terminal ports.

27. (Currently Amended) The apparatus of claim 19, wherein receiving local terminal data is performed at different data rates and different data formats.

28. (Currently Amended) The apparatus of claim 23, wherein said processing system is configured to facilitate a communications path between multiple local terminal ports.

29. (Currently Amended) The apparatus of claim 23, wherein the at least two local terminal ports further use different data rates and different data formats

Please add the following new claim:

30. (New) The apparatus of claim 1, wherein the simultaneously communicated data is communicated using time-division multiple access.